

Project Charter: WeChef

Team Members:

Sean Chew (schewshu@purdue.edu)

Zuyuan Fan (fan164@purdue.edu)

Yuting Guo (guo312@purdue.edu)

Qi Meng (meng46@purdue.edu)

Ling Zhang (zhan2275@purdue.edu)

Problem Statement

Have you ever found yourself standing in the kitchen with a handful of ingredients that you have no idea what to do with? Oftentimes, just finding the correct recipes can be a hassle. Our team is envisioning a convenient and user-friendly mobile app called WeChef as the solution to this problem.

The mobile app will provide individuals with an easy way to discover new recipes as well as find recipes based on the current available ingredients at hand. In addition, WeChef will allow individuals to live stream their cooking sessions for the general public to view and learn from them. They will also be able to upload videos for individuals who prefer to learn at their own pace.

What makes us stand out from our competitors, such as Tasty, is that our app is user-based, whereby anyone can upload their recipes. Tasty, on the other hand, is fully controlled by the professional editors, and users can only view the recipes posted by them.

In conclusion, our app aims to provide a platform for anyone who aspires to improve their cooking skills and we hope to grow a fun and friendly community for cooking enthusiasts.

Project Objectives

- Allow users to share their recipes in the format of blog post or videos, provide users with recipes based on a specified type of cuisines or ingredients, and allow users to live stream cooking.

- Develop a searching system that allows users to search a recipe based on recipe title or ingredients.
- Develop an intuitive and user-friendly user interface.
- Develop a modern user authentication layer for easy signup and login process.
- Learn full stack mobile app development processes, tools, and methods.
- Time permitting: make it real, deploy the final product in a production environment.

Stakeholders

Users	Anyone who wants to learn how to cook, looking for recipes, and sharing their culinary experience
Developers Team	WeChef team
Project Manager	Zuyuan Fan, Graduate Teaching Assistant
Project Owner	Sean Chew, Zuyuan Fan, Yuting Guo, Qi Meng, Ling Zhang

Deliverables

- A mobile application that achieves the following:
 - The application allows users to share recipes and live stream.
 - The application allows users to search for recipes.
 - A comment section that allows all users to comment and ask questions about recipes.
 - A feedback section that allows users who used the recipe to share their versions of the dish and their ratings towards the recipe.
- Frontend built with React Native, CSS/SCSS and other relevant frameworks
- Backend built with Express.js.
- Database built with AWS DynamoDB, which is a highly scalable NoSQL database system, and AWS S3 as a file system.

CS307 Projects

meetzam

Sean Chew, Zuyuan Fan, Yuting Guo, Qi Meng, Ling Zhang

Everyone in our team worked on the same 307 project, meetzam. It is an iOS mobile application that combines Tinder and Yelp. It allows users to browse and “like” movies that are currently showing in the cinema and includes an efficient matching algorithm that allows users to match with others based on the movies that they both “liked”.

Github repository: <https://github.com/meetzamers/meetzam>